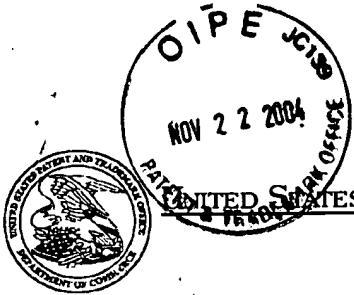


JFW

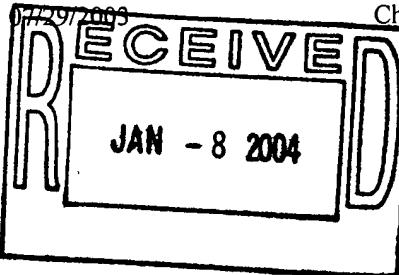


UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
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 P.O. Box 1450
 Alexandria, Virginia 22313-1450
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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/628,886	07/29/2003	Chute	84,845

Naval Medical Research Center
 Office of Counsel (Code 00L)
 503 Robert Grant Avenue
 Silver Spring, MD 20910-7500



CONFIRMATION NO. 3862
 FORMALITIES LETTER



OC000000011620249

Date Mailed: 01/05/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

NOV 29 2004
 OIPE / JCWS
 RECEIVED

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 770 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
 - The drawings submitted to the Office are not electronically reproducible. Drawing sheets must be submitted on paper, which is flexible, strong, white, smooth, non-shiny, and durable (see 37 CFR 1.84(e)). See Figure(s) 1a, 2a drawing too dark.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of **\$290** as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

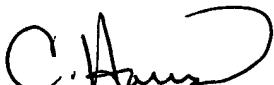
SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$1190** for a Large Entity

- **\$770** Statutory basic filing fee.
- **\$130** Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is **\$290**
 - **\$290** for multiple dependent claim surcharge.

Replies should be mailed to: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*



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PART 2 - COPY TO BE RETURNED WITH RESPONSE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



FEET TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT \$2,560.00

Complete if Known

Application Number	10/628,886
Filing Date	July 29, 2003
First Named Inventor	Chute
Examiner Name	not yet assigned
Group Art Unit	1651
Attorney Docket No.	NC 84,845

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None
 Deposit Account:

Deposit Account Number **14-0595**

Deposit Account Name **Naval Medical Research Center**

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	770.00
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	
SUBTOTAL (1)				\$770.00	

2. EXTRA CLAIM FEES FOR UTILITY AND

Extra Claims		Fee from below	Fee Paid
Total Claims	-20** =	0	X 0.00 = 0.00
Independent Claims	-3** =	0	X 0.00 = 0.00
Multiple Dependent		290.00	= 290.00

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)				\$290.00

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES	Fee Description	Fee Paid
Large Entity	Small Entity	
Fee Code (\$)	Fee Code (\$)	
105	130	205 65 Surcharge - late filing fee or oath
127	50	227 25 Surcharge - late provisional filing fee or cover sheet
139	130	139 130 Non - English specification
147	2,520	147 2,520 For filing a request for ex parte reexamination
112	920*	112 920* Requesting publication of SIR prior to Examiner action
113	1,840*	113 1,840* Requesting publication of SIR after Examiner action
115	110	215 55 Extension for reply within first month
116	400	216 200 Extension for reply within second month
117	920	217 460 Extension for reply within third month
118	1,440	218 720 Extension for reply within fourth month
128	1,960	228 980 Extension for reply within fifth month
119	320	219 160 Notice of Appeal
120	320	220 160 Filing a brief in support of an appeal
121	280	221 140 Request for oral hearing
138	1,510	138 1,510 Petition to institute a public use proceeding
140	110	240 55 Petition to revive - unavoidable
141	1,280	241 640 Petition to revive - unintentional
142	1,280	242 640 Utility issue fee (or reissue)
143	460	243 230 Design issue fee
144	620	244 310 Plant issue fee
122	130	122 130 Petitions to the Commissioner
123	50	123 50 Processing fee under 37 CFR § 1.17(q)
126	180	126 180 Submission of Information Disclosure Statement
581	40	581 40 Recording each patent assignment per property (times number of properties)
146	740	246 370 Filing a submission after final rejection (37 CFR § 1.129(a))
149	740	249 370 For each additional invention to be examined (37 CFR § 1.129(b))
179	740	279 370 Request for Continued Examination (RCE)
169	900	169 900 Request for expedited examination of a design application
Other fee (specify)		

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$1,500.00

SUBMITTED BY

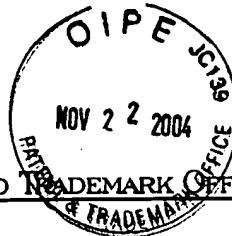
Name (Print/Type)	Joseph K. Hemby, Jr.	Registration No. (Attorney/Agent)	42,652	Telephone	301-319-7429
Signature			Date	November 12, 2004	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



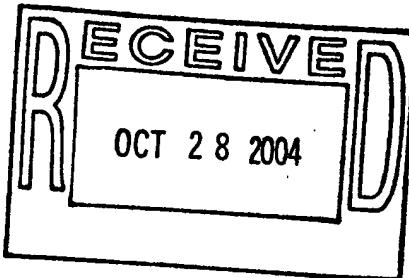
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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
10/628,886	07/29/2003	Chute	84,845

Naval Medical Research Center
Office of Counsel (Code 00L)
503 Robert Grant Avenue
Silver Spring, MD 20910-7500



CONFIRMATION NO. 3862
ABANDONMENT/TERMINATION
LETTER



OC000000014189986

Date Mailed: 10/26/2004

NOTICE OF ABANDONMENT UNDER 37 CFR 1.53 (f) OR (g)

The above-identified application is abandoned for failure to timely or properly reply to the Notice to File Missing Parts (Notice) mailed on 01/05/2004.

- No reply was received.

A petition to the Commissioner under 37 CFR 1.137 may be filed requesting that the application be revived.

Under 37 CFR 1.137(a), a petition requesting the application be revived on the grounds of **UNAVOIDABLE DELAY** must be filed promptly after the applicant becomes aware of the abandonment and such petition must be accompanied by: (1) an adequate showing of the cause of unavoidable delay; (2) the required reply to the above-identified Notice; (3) the petition fee set forth in 37 CFR 1.17(l); and (4) a terminal disclaimer if required by 37 CFR 1.137(d).

Under 37 CFR 1.137(b), a petition requesting the application be revived on the grounds of **UNINTENTIONAL DELAY** must be filed promptly after applicant becomes aware of the abandonment and such petition must be accompanied by: (1) a statement that the entire delay was unintentional; (2) the required reply to the above-identified Notice; (3) the petition fee set forth in 37 CFR 1.17(m); and (4) a terminal disclaimer if required by 37 CFR 1.137(d).

Any questions concerning petitions to revive should be directed to the "Office of Petitions" at (703) 305-9282. Petitions should be mailed to: Mail Stop Petitions, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450.

In [initials]
*A copy of this notice **MUST** be returned with the reply.*

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Initial Patent Examination Division (703) 308-1202

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